

FORM PTO-1590
(REV. 10-2003)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**AIR MAIL**

ATTORNEY'S DOCKET NUMBER

1679-52/JLW

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5

10/500131

INTERNATIONAL APPLICATION NO.

PCT/CA02/01947

INTERNATIONAL FILING DATE

13 December 2002 (13.12.2002)

PRIORITY DATE CLAIMED

26 December 2001 (26.12.2001)

TITLE OF INVENTION

ON-CHIP SECURITY METHOD AND APPARATUS

APPLICANT(S) FOR DO/EO/US

Richard C. MADTER, Ryan J. HICKEY and Christopher PATTENDEN

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☒ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 131 r.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
 - 1) Copy of International Preliminary Examination Report, including amended claims 1 to 17; and
 - 2) Copy of published International Application

U.S. APPLICATION NO. 10/500131		INTERNATIONAL APPLICATION NO. PCT/CA02/01947		ATTORNEY'S DOCKET NUMBER 1679-52/JLW	
<div>21. <input checked="" type="checkbox"/> The following fees are submitted:</div> <div>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. \$1080.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =</div>					

CALCULATIONS PTO USE ONLY

--	--

			--	--					--	--				Surcharge of **\$130.00** for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).								--	--					--	--											
	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		---	--------------	--------------	-------------------		Total claims	20 - 20 =		x \$18.00		Independent claims	5 - 3 =	2	x \$86.00		MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00							--	--					--	--		
TOTAL OF ABOVE CALCULATIONS =								--	--					--	--																									
☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.								--	--					--	--																									
SUBTOTAL =								--	--					--	--																									
Processing fee of **\$130.00** for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).								--	--					--	--																									
TOTAL NATIONAL FEE =								--	--					--	--																									
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **\$40.00** per property +								--	--					--	--																									
TOTAL FEES ENCLOSED =								--	--					--	--																									
								-------------------------------	----		Amount to be refunded:	\$		charged:	\$																									

a. ☒ A check in the amount of \$ 1,132.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 500663. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card
information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a)
or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Jenna L. Wilson

SIGNATURE

Adrian M. Kaplan
NAME

43396
REGISTRATION NUMBER